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DATE: Tuesday, April 19, 2005

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<i>DB=PGPB,USPT,USOC; THES=ASSIGNEE; PLUR=YES; OP=ADJ</i>			
<input type="checkbox"/>	L7	decorine and (skin aging  wrinkle?   sag\$3  dryness  age spot?  pigment\$2 spot?)	0
<input type="checkbox"/>	L6	5932228.pn.	1
<input type="checkbox"/>	L5	dermatological composition and(dermal\$  skin?) (wound or burn or surgery)	3
<input type="checkbox"/>	L4	dermatological composition same (dermal\$  skin?) (wound or burn or surgery)	0
<input type="checkbox"/>	L3	dermatological composition same dermal\$ (wound or burn or surgery)	0
<input type="checkbox"/>	L2	dermatological composition same dermal\$ wound	0
<input type="checkbox"/>	L1	5654270.pn.	1

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### Search Results - Record(s) 1 through 3 of 3 returned.

1. Document ID: US 20040047970 A1

L5: Entry 1 of 3

File: PGPB

Mar 11, 2004

DOCUMENT-IDENTIFIER: US 20040047970 A1

TITLE: Process for preparing vegetable oil fractions rich in non-tocolic, high-melting, unsaponifiable matter

Summary of Invention Paragraph:

[0037] EP 0690904 teaches how to prepare two fractions rich in unsaponifiable matter from shea butter. The fat is treated with a polar solvent of the ketone type in order to recover one fraction insoluble in the hot ketone solvent (polyisoprenic hydrocarbons). The hot ketone solvent is cooled to a temperature below 0.degree. C. to crystallise the hot soluble material, which is filtered off. The filtrate is desolvanted giving a second fraction rich in unsaponifiable matter (sterols and TPPA-esters). The preferred solvent is acetone. The two fractions are mixed at least in part or preferably in total to give a mixture claimed to contain 18-50% by weight of the unsaponifiable matter especially useful in dermatological compositions.

Detail Description Paragraph:

[0175] Due to the restoring, cicatrising and bacteriostatic properties of the sheanut oil unsaponifiable matter the product is intended for use on extremely dry, sensitive skins, wounds and various scars.

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KWIC](#) | [Drawn De](#)

2. Document ID: US 5928659 A

L5: Entry 2 of 3

File: USPT

Jul 27, 1999

DOCUMENT-IDENTIFIER: US 5928659 A

TITLE: Cosmetic formulation and method for amelioration of skin keratoses and striae distensae

Abstract Text (1):

Stretch marks, keratoses and other skin lesions can be ameliorated or cured through repeated topical application, to affected skin, of a dermatological composition containing unsaponifiable lipids extracted from avocado seeds. The effective composition is an emulsion containing between about 5 and 15 weight percent of the unsaponifiable lipids. The effectiveness of the composition is augmented by the addition of zinc and/or copper chelates.

Brief Summary Text (19):

These and other objects are met by a method of ameliorating stretch marks and keratoses, such as those due to photodamage, through repeated topical application, to affected skin, of a dermatological composition containing unsaponifiable lipids extracted from avocado seeds. The effective composition for use on parts of the body other than sensitive areas like on the face, and especially around the eyes, is generally an emulsion of water and oil containing between about 5 and 15 weight percent of the unsaponifiable lipids. For use on sensitive areas of the body, a lower concentration of between 1 to 5 weight percent of unsaponifiable lipids has been found effective. The effectiveness of the composition is augmented by the addition of zinc and/or copper chelates.

Detailed Description Text (36):

The metal chelates used are either or both zinc and copper CHELAZOME amino acid chelate produced by Albion Laboratories of Clearfield, Utah. Both copper and zinc are known to be cofactors for dermal wound healing. It is not presently known to what extent other types of metal chelates are efficacious. The chelates are primarily soluble in water with the zinc chelate being soluble to about 3.5% by weight and the copper chelate being soluble to about 22% by weight. The chelates are introduced into the cream by being included in the water phase at between about 0.05 to 2.0% by weight of either or both chelates.

## CLAIMS:

10. A dermatological composition, the composition being an emulsion comprising:

a fatty phase comprising:

dermatologically acceptable fats, oils and waxes;

a concentration of between 1 and 5 weight percent of unsaponifiable lipids from avocado seed or fruit;

an effective concentration of metal chelates selected from the group consisting of zinc amino acid chelate, copper amino acid chelate and both zinc and copper amino acid chelates; and

a water phase comprising a mixture of water, preservatives and emulsifiers.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Drawn De
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3. Document ID: US 5759555 A

L5: Entry 3 of 3

File: USPT

Jun 2, 1998

DOCUMENT-IDENTIFIER: US 5759555 A

TITLE: Cosmetic formulation and method for amelioration of skin keratoses and striae distensae

Abstract Text (1):

Stretch marks, keratoses and other skin lesions can be ameliorated or cured through repeated topical application, to affected skin, of a dermatological composition containing unsaponifiable lipids extracted from avocado seeds. The effective composition is an emulsion containing between about 5 and 15 weight percent of the

unsaponifiable lipids. The effectiveness of the composition is augmented by the addition of zinc and/or copper chelates.

Brief Summary Text (19):

These and other objects are met by a method of ameliorating stretch marks and keratoses, such as those due to photodamage, through repeated topical application, to affected skin, of a dermatological composition containing unsaponifiable lipids extracted from avocado seeds. The effective composition is generally an emulsion of water and oil containing between about 5 and 15 weight percent of the unsaponifiable lipids. The effectiveness of the composition is augmented by the addition of zinc and/or copper chelates.

Detailed Description Text (29):

The metal chelates used are either or both zinc and copper CHELAZOME amino acid chelate produced by Albion Laboratories of Clearfield, Utah. Both copper and zinc are known to be cofactors for dermal wound healing. It is not presently known to what extent other types of metal chelates are efficacious. The chelates are primarily soluble in water with the zinc chelate being soluble to about 3.5% by weight and the copper chelate being soluble to about 22% by weight. The chelates are introduced into the cream by being included in the water phase at between about 0.05 to 2.0% by weight of either or both chelates.

CLAIMS:

13. A dermatological composition, the composition being an emulsion comprising:

a fatty phase comprising:

dermatologically acceptable fats, oils and waxes;

a concentration of between 5 and 15 weight percent of unsaponifiable lipids from avocado seed or fruit;

an effective concentration of metal chelates selected from the group consisting of zinc amino acid chelate, copper amino acid chelate and both zinc and copper amino acid chelates; and

a water phase comprising a mixture of water, preservatives and emulsifiers.

Full    Title    Citation    Front    Review    Classification    Date    Reference    ~~Sequences~~    ~~Patents~~    Claims    KWIC    Drawn D

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Term	Documents
DERMATOLOGICAL	9713
DERMATOLOGICALS	168
COMPOSITION	1109478
COMPSN	259
COMPSNS	62
COMPOSITIONS	661235
WOUND	438300

WOUNDS	20209
BURN	117663
BURNS	125342
SURGERY	97967
(DERMATOLOGICAL COMPOSITION AND(DERMAL\$  SKIN?) (WOUND OR BURN OR SURGERY)).PGPB,USPT,USOC.	3

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